

Title (en)  
COMMUNICATION SYSTEM HAVING CONFIGURABLE 3-D ANTENNA GRID AND METHOD FOR CONFIGURING THE COMMUNICATION SYSTEM

Title (de)  
KOMMUNIKATIONSSYSTEM MIT KONFIGURIERBAREM 3-D-ANTENNENGITTER UND VERFAHREN ZUM KONFIGURIEREN DES KOMMUNIKATIONSSYSTEMS

Title (fr)  
SYSTÈME DE COMMUNICATION AYANT UN RÉSEAU D'ANTENNES 3D CONFIGURABLE ET PROCÉDÉ DE CONFIGURATION DU SYSTÈME DE COMMUNICATION

Publication  
**EP 2160800 A1 20100310 (EN)**

Application  
**EP 08768251 A 20080609**

Priority  
• US 2008007180 W 20080609  
• US 76623507 A 20070621

Abstract (en)  
[origin: US2008316127A1] A system and a method for configuring a communication system are provided. The communication system has an antenna system with a 3-D antenna grid. The configurable 3-D antenna grid has a plurality of antenna elements operably coupled to a plurality of switching elements. The method includes selecting a first 3-D antenna configuration associated with the configurable 3-D antenna grid from a plurality of antenna configurations. The method further includes controlling a memory device to output first data corresponding to the first 3-D antenna configuration. The method further includes closing selected ones of the plurality of switching elements to obtain the first 3-D antenna configuration in the configurable 3-D antenna grid in response to the first data. The first 3-D antenna configuration is one of the plurality of antenna configurations wherein at least a portion of the plurality of antenna elements are electrically coupled together.

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